

# Smart SFP Mini Server

Complete computing system



Smart SFP Mini Server is designed for a wide range of applications where network interfaces are required and rack space is limited.

Module is installed in an SFP slot and compatible with network equipment from any vendor.

Parameters	Models		
<b>CPU</b>	ARMv7 1 core 528 MHz	ARMv8 2 cores 1200 MHz	MIPS 2 cores 800 MHz
<b>RAM</b>	512 MB DDR3	1 GB DDR4	1 GB LPDDR3
<b>Flash</b>	4 GB, eMMC	4 GB, eMMC	512 MB, SPI
<b>Operating System</b>	Debian	Debian	OpenWRT
<b>Host interface</b>	1G	1G	1G/10G
<b>Line interface:</b>			
<b>Fiber Ethernet</b>	+	+	+
<b>Copper Ethernet</b>	+	-	-
<b>RS-232</b>	+	-	-
<b>USB</b>	+	-	-

### Applications:

- Network appliance (Routing, VPN)
- Networking services (DHCP, FTP, TFTP, DNS, NTP)
- IP PBX (VoIP)
- IP SLA
- CCTV / Video Surveillance System
- Zero Touch Provisioning
- Single Board Computer in SFP

### Key features:

- Full featured Linux based OS
- Standard software installation
- Mainline Linux kernel
- Flexible I/O: Ethernet, USB, RS-232

### Line interfaces:

- Gigabit Ethernet, 1000BASE-LX, dual fiber
- Gigabit Ethernet, 10/100/1000BASE-T, RJ-45
- 1/10 Gigabit Ethernet, 1000BASE-LX/10GBASE-LR, dual fiber
- RS-232: 1 (full) or 3 (Tx/Rx) ports, up to 115200 bps
- USB 2.0, type A

### General:

- 1/10 Gigabit Ethernet
- Inline or out-of-line installation
- Digital Diagnostics Monitoring (DDM)
- SFP/SFP+ MSA compliant
- Multi-vendor compatibility
- LED status indicator
- Power from SFP slot

### Ordering information

Models
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, 1000BASE-LX, DDM, 1310 nm, 20 km, 2xSMF, LC
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, 10/100/1000BASE-T, RJ-45
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, RS-232, RJ-45
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, USB, Type A
Intelligent SFP module, ARMv8 CPU, DPDK, Gigabit Ethernet, 1000BASE-LX, DDM, 1310 nm, 20 km, 2xSMF, LC
Intelligent SFP module, MIPS CPU, Ethernet switch, 1/10 Gigabit Ethernet, 10GBASE-LR, DDM, 1310 nm, 10 km, 2xSMF, LC